



Installation Instructions

BlueBeam and BlueDome

Supplied Items

- 1 x Light Fitting
- 2 x M4 Machine Screws
- Instruction Leaflet

Optional Accessories

Please contact your distributor for further information.

- BS-PS1 – 1 Zone Power Supply
- BS-DM1 – Dimmer Control Module
- BS-BC – Light Spill Control Cowl
- BS-EL – Eyelid Light Baffle

CAUTION!

DO NOT CONNECT THIS UNIT DIRECTLY TO THE MAINS!

This light fitting requires 11 to 36 Volts DC. Current consumption varies from 100mA to 300mA depending on operating voltage. Suitable power supplies are available from your distributor.

Conformity

The BlueBeam and BlueDome range of LED fittings conform to the following standards:

EN 61000-6-3 Light Industrial Emissions
EN 61000-4-2 Heavy Industrial Immunity
EN 60945 Marine



Further information can be obtained from technical@gds.uk.com

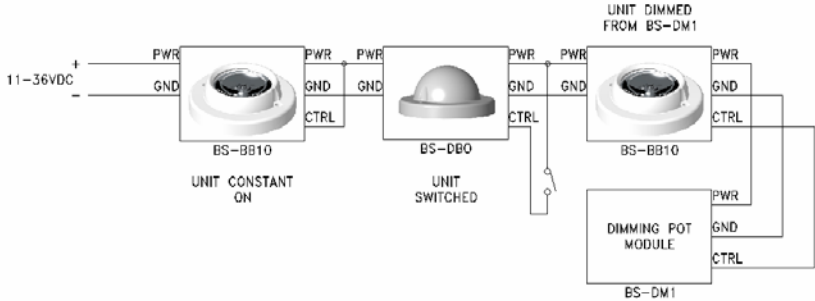
Installation

The BlueBeam is designed to be fitted straight onto a standard metal or plastic conduit box. For maximum flexibility and to future proof the installation, pull 3 cables from the PSU to the BlueBeam fittings, one for Power, one for Ground and one for Control. The cables should be terminated with crimp M4 eyelets.

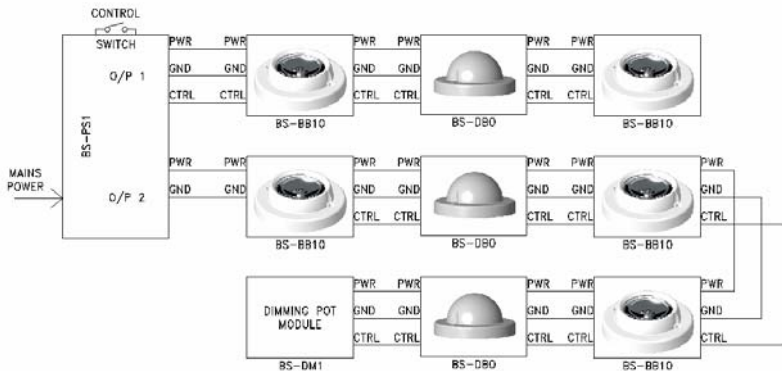
Electrical Properties

- Minimum Operating Voltage: 11V DC
- Maximum Operating Voltage: 36V DC
- Nominal Input Voltage: 24V DC
- Nominal Input Power: 3W
- Operating Current: 125mA @ 24VDC
- Standby Current: 6 - 8mA
- Control Line Impedance: 100K Ω

Connection Examples



The fittings can be installed from an external supply in a number of ways. If the units are to be on, simply connect the CTRL terminal to the PWR terminal at the light fitting. If the unit is to be switched, a switch can be placed between the CTRL and PWR terminal. The BS-DM1 can be wired into the circuit for full dimming control.



The schematic above shows the use of a BS-PS1. In this example, the fittings connected to O/P 1 will be controlled by the switch connected to the switch input on the BS-PS1. They will also be affected by the 'TOPSET' control. This allows you to set the on level from 0-100%. By connecting a BS-DM1 and removing the CTRL line from the power supply, the second set of fittings can be dimmed using the BS-DM1. These will not be affected by the switch on the BS-PS1.